

ECR #: P11
Tracker #: 15
Status: Ratified
Title: Add 1394 Ground Pin to Optional Power Supply Connector
Release Date: July 25, 1997
Impact, High: To Riser and Power Supply Vendors
Spec Version: NLX Power Supply Recommendations 1.1

Summary:
A 1394 return pin is needed on the optional connector of the NLX power supply. Pin 4 will be defined to support this functionality

Background:
NLX designs may require a 1394 solution that has the power and return isolated from the other system components. Pin 4 on the optional power supply connector will be defined as a return for the 1394 power connector. Galvanic isolation requirements must be clearly specified so that transformer insulation and windings can be designed accordingly.

Change Current Specification As Shown:
Replace Figure 5 with the following figure:

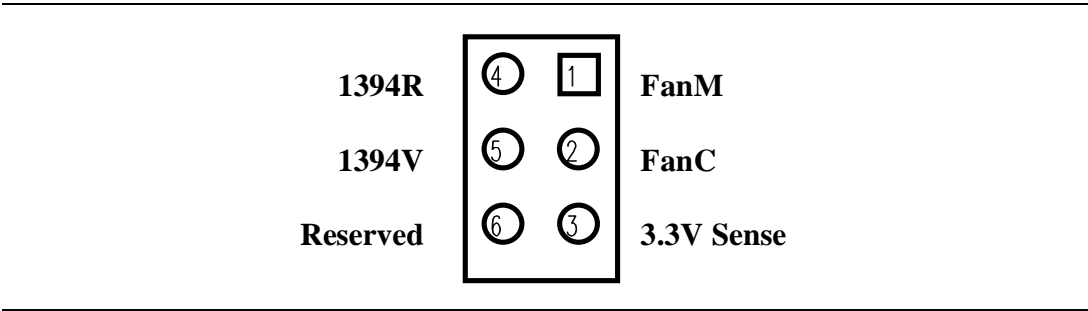


Figure 5: Optional Power Supply Connector Configuration